

WHAT IS CLAIMED IS:

1. An optical path adjusting device for an optical scanning device for adjusting a vertical position of a light beam coming out of said optical path adjusting device in parallel with an original path of said light beam with respect to said original optical path, said optical path adjusting device comprising:

an optical parallel having plane parallel surfaces which causes a displacement of an optical path of a light beam coming out thereof in parallel with said light beam incident thereupon from an original optical path of said light beam;

a mount fixedly mounting said optical parallel thereon so that said optical parallel intersects said original optical path of said light beam at an angle of intersection except a right angle so as to cause a specified displacement of said optical path of said light beam coming out of said optical parallel from said original optical path of said light beam; and

a support block supporting said mount thereon for rotation of said optical parallel about said original optical path of said light beam.

2. An optical path adjusting device as defined in claim 1, wherein said mount comprises a hollow cylindrical barrel having a center axis in alignment with said original optical path of said light beam.

3. An optical path adjusting device as defined in claim 1, wherein said support block has a V-shaped support surface on which said hollow cylindrical barrel is supported.

4. An optical path adjusting device as defined in claim 2, wherein said hollow cylindrical barrel at one of extreme ends is formed with a mounting surface inclined at said angle of

intersection with respect to said center axis on which said optical parallel is mounted.

5. An optical path adjusting device as defined in claim 2, wherein said hollow cylindrical barrel comprises a hollow cylindrical body which is supported on said support and a hollow cylindrical extension which is coaxial with said hollow cylindrical body and has an external diameter greater than that of said hollow cylindrical body and on which said optical parallel is mounted thereon at said angle of intersection.

6. An optical path adjusting device for an optical scanning device for adjusting a vertical position of a light beam coming out of said optical path adjusting device in parallel with an original path of said light beam with respect to said original optical path, said optical path adjusting device comprising:

an optical parallel having plane parallel surfaces which causes a displacement of an optical path of a light beam coming out thereof in parallel with said light beam incident thereupon from an original optical path of said light beam;

mounting means for mounting said optical parallel thereon so that said optical parallel intersects said original optical path of said light beam at an angle of intersection except a right angle so as to cause a specified displacement of said optical path of said light beam coming out of said optical parallel from said original optical path of said light beam;

adjusting means for varying said angle of intersection so as thereby to adjust a displacement of said optical path of said light beam coming out of said optical parallel from said original optical path of said light beam;

a support block supporting said mounting means thereon for rotation of said optical parallel about said original optical path of said light beam.

7. An optical path adjusting device as defined in claim 6, wherein said mounting means comprises a hollow cylindrical barrel which has a center axis in alignment with said original optical path of said light beam and a pivot shaft having a pivot axis perpendicular to said center axis of said hollow cylindrical barrel which supports said optical parallel in said hollow cylindrical barrel so that said optical parallel o pivotally swing about said pivot axis of said pivot shaft.

8. An optical path adjusting device as defined in claim 7, wherein said adjusting means comprises a circular-arcuate guide slot formed in said hollow cylindrical barrel and a guide pin secured to said optical parallel and received in said guide slot, said circular-arcuate guide slot a center having a center at said pivot axis of said pivot shaft.

9. An optical path adjusting device as defined in claim 7, wherein said support block has a V-shaped support surface on which said hollow cylindrical barrel is supported.